

WHAT IS CLAIMED IS:

1. An engine throttle body comprising:
 - a valve flap disposed in a main passage through which air passes to be supplied to a combustion chamber;
- 5 an Exhaust Gas Recirculation (EGR) gas inflow passage; and
 - gas mixing means for inducing EGR gas at a downstream position in relation to the valve flap from said EGR gas inflow passage to said main passage in a substantially perpendicular direction to a rotational axis of said valve flap.
- 10 2. The body as defined in claim 1, wherein said gas mixing means comprises:
 - a cylindrical barrier wall that forms one portion of said main passage and at least partially isolates said main passage from a mixture reserve space encompassing said main passage and being connected to said EGR gas inflow passage; and
 - a cut-out part formed at said cylindrical barrier wall for allowing said main passage, which is substantially perpendicular to the rotational axis of said valve flap, to communicate with said mixture reserve space.
- 15 3. The body as defined in claim 2, wherein said EGR gas inflow passage is formed substantially parallel to the rotational axis of said valve flap and substantially perpendicular to said main passage, and said cut-out part at said cylindrical barrier wall is formed around the entire circumference of said cylindrical barrier wall except for a portion adjacent to said EGR gas inflow passage.
- 20 4. The body as defined in claim 2, wherein said cylindrical barrier wall is caved in from a surface of the combustion chamber side at the throttle body.